

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : BRAND, et al.  
U.S. Serial No. : To be assigned  
Filing Date : Herewith  
Title of Invention : USE OF ANTIOXIDANTS IN RADIATION-CURABLE  
COATING COMPOSITIONS FOR PRODUCING  
ABHESIVE COATINGS

745 Fifth Avenue  
New York, NY 10151

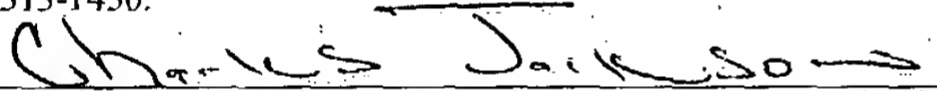
July 16, 2003

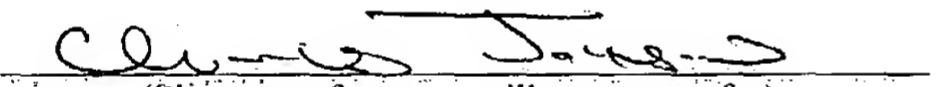
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed are copies of the following references for this application:

1. German Patent No. 27 47 233 dated September 19, 1980;
2. German Patent No. 29 48 708 C2 dated June 28, 1984;
3. German Patent No. 38 20 294 C1 dated October 5, 1989;
4. German Patent No. 38 10 140 C1 dated October 5, 1989;

5. European Patent No. 1 072 326 A2 dated January 31, 2001;
6. U.S. Patent No. 3,699,022 dated October 17, 1972;
7. U.S. Patent No. 6,211,322 B1 dated April 3, 2001;
8. Charles R. Morgan, "Dual UV/Thermally Curable Plastisols", Journal of Radiation Curing, pp. 8-11, October 1983;
9. B. Xiao, et al., "Studies on curing effect of phosphite monomer by EB radiation in the air", Radiation and Physics and Chemistry, pp. 421-424, 2000;
10. U. Müller, "New Insights in the Influence of Oxygen on the Photocrosslinking of Silicone Acrylates", Organosilicon Chem. IV, 4<sup>th</sup> (2000), Meeting Date 1998, pp. 663-666;
11. J.P. Fouassier, "Polymerization Photoinitiators: Excited States Processes and Kinetic Aspects", Progress in Organic Coatings, Vol. 18, pp. 229-252, 1990; and
12. K.K. Dietliker, "Oxygen Inhibition", Chemistry & Technology of UV & E Formulation and Coatings, Inks & Paints, Volume 3, Sita Technology, Ltd., UK, pp. 83-86.

**REMARKS**

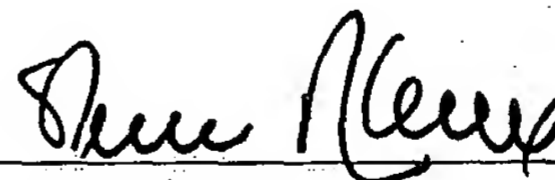
Entry of this Information Disclosure Statement and an early examination on the merits are respectfully solicited.

Please charge any additional fees to Deposit Account No. 50-0320.

Respectfully submitted,

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Attorneys for Applicants

By



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|  |    |   |          |  |       |   |                               |
|--|----|---|----------|--|-------|---|-------------------------------|
| Based on Form PTO-1449<br>(3/90)<br><br>LIST OF REFERENCES CITED BY APPLICANT<br>(Use several sheets if necessary)   |    |   |          | ATTY. DOCKET NO.<br><br><b>512425-2091</b> |       | SERIAL NO.<br><br><b>To be assigned</b> |                               |
|  |    |   |          | APPLICANT<br><br><b>HELL al.</b>           |       |   |                               |
|  |    |   |          | FILING DATE<br><br><b>Herewith</b>         |       | GROUP                                   |                               |
|  |    |   |          |  |       |   |                               |
| U.S. PATENT DOCUMENTS  |    |   |          |  |       |   |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT NUMBER   | DATE     | NAME                                       | CLASS | SUBCLASS                                | FILING DATE<br>IF APPROPRIATE |
| AA   |    | 3,699,022   | 10/17/72 | Behrens, et al.                            |       |   |                               |
| AB   |    | 6,211,322 B1  | 04/03/01 | Döhler et al.                              |       |   |                               |
| FOREIGN PATENT DOCUMENTS   |    |   |          |  |       |   |                               |
|  |    | DOCUMENT NUMBER   | DATE     | COUNTRY                                    | CLASS | SUBCLASS                                | TRANSLATION                   |
|  | AB | DE 27 47 233 ✓  | 09/18/80 | Germany                                    |       |   | YES      NO                   |
|  | AC | DE 29 48 708 C2 ✓   | 06/28/84 | Germany                                    |       |   |                               |
|  | AD | DE 38 20 294 C1 ✓   | 10/05/89 | Germany                                    |       |   |                               |
|  | AE | DE 38 10 140 C1 ✓   | 10/05/89 | Germany                                    |       |   |                               |
|  | AF | EP 1 072 326 A2 ✓   | 01/1/01  | Europe                                     |       |   |                               |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)   |    |   |          |  |       |   |                               |
|  | AC | Charles R. Morgan, "Dual UV/Thermally Curable Plastisols", Journal of Radiation Curing, pp. 8-11, October 1983  |          |  |       |   |                               |
|  | AD | B. Xiao, et al., "Studies on curing effect of phosphite monomer by EB radiation in the air", Radiation and Physics and Chemistry, pp. 421-424, 2000                                 |          |  |       |   |                               |
|  | AE | U. Müller, "New Insights in the Influence of Oxygen on the Photocrosslinking of Silicone Acrylates", Organosilicon Chem. IV, 4 <sup>th</sup> (2000), Meeting Date 1998, pp. 663-666 |          |  |       |   |                               |
|  | AF | J.P. Fouassier, "Polymerization Photoinitiators: Excited States Processes and Kinetic Aspects", Progress in Organic Coatings, Vol. 18, pp. 229-252, 1990                            |          |  |       |   |                               |
|  | AG | K.K. Dietliker, "Oxygen Inhibition", Chemistry & Technology of UV & E Formulation and Coatings, Inks & Paints, Volume 3, Sita Technology, Ltd., UK, pp. 83-86.                      |          |  |       |   |                               |
| EXAMINER   |    |   |          | DATE CONSIDERED                            |       |   |                               |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |          |  |       |   |                               |